



The National Wildlife Disease Program

Brandon S. Schmit

POSITION TITLE- Wildlife Disease Biologist



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Expertise/Experience:

Feral swine disease surveillance
Wildlife epidemiology
Oral vaccine bait development
Rabies

Current Projects:

Comprehensive feral swine disease surveillance (CSF, FMD, ASF, PRV, SB, SIV, HEP E)
Plague and tularemia surveillance
Feral swine genetics

Education:

M.S. – Ecology, Florida State University

B.S. – Biology, Northern Arizona University

Publications

Beal, J. L. and **B. S. Schmit**, The effects of dock height on light irradiance (PAR) and seagrass (*Halodule wrightii* and *Syringodium filiforme*) cover. In: S.A. Bortone, Editor, *Seagrasses: Monitoring, Ecology, Physiology, and Management*, CRC Press, Boca Raton, Florida (2000), pp. 49–63.

Bentler, K. T., J. S. Hall, J. J. Root, K. Klenk, **B. Schmit**, B. F. Blackwell, P. C. Ramey, and L. Clark. 2007. Serologic evidence for West Nile Virus exposure in North American mesopredators. *American Journal of Tropical Medicine and Hygiene* 76:173–179.

DeLiberto T. J., S. R. Swafford, D. Nolte, K. Pedersen, M. W. Lutman, **B. Schmit**, J. A. Baroch, D. Kohler. 2009. [Surveillance for Highly Pathogenic Avian Influenza in Wild Birds in the United States of America](#). *Integrative Zoology* 4: 424-437.

Johnston, J. J., J. C. Hurley, T. M. Primus, **B. S. Schmit**, And T. J. Deliberto. 2006. Improving rabies vaccine baits. *Proceedings of the Vertebrate Pest Conference* 22:344-345.

Mohamed, F., S. Swafford, H. Petrowski, A. Bracht, **B. Schmit**, A. Fabian, J. M. Pacheco, E. Hartwig, M. Berninger, C. Carrillo, G. Mayr, K. Moran, D. Kavanaugh, H. Leibrecht, W. White and S. Metwally. 2011. [Foot-and-Mouth Disease in Feral Swine: Susceptibility and Transmission](#). *Transboundary and Emerging Diseases*. 58(2): (in press)

Pedersen, K., S. N. Bevins, **B. S. Schmit**, M. W. Lutman, M. P. Milleson, C. T. Turnage, T. T. Bigelow, T. J. DeLiberto. 2011. Apparent Prevalence of Swine Brucellosis in Feral Swine in the United States. *Human-Wildlife Interactions*. (in Prep)

Schmit, B.S., T. M. Primus, J. C. Hurley, D. J. Kohler, and S. F. Graves. 2010. [Response of Captive Skunks to Microencapsulated Tetracycline](#). *Journal of Wildlife Diseases* 46(3): 1024-1028.

Schmit, B. S., C. S. Acres, C. M. Heuser, P. L. Smith, D. M. Ruffino, D. Ruid, K. MacCarthy, K. Pedersen, D. L. Bergman, D. LeBlanc, D. Kohler, and T. J. DeLiberto. 2011. Field Acceptance of Placebo Oral Rabies Vaccine Baits by Skunks. *J. Wildl. Dis.* (In Press)

Swafford, S., **B. S. Schmit**, K. Pedersen, Mark W. Lutman, and T. J. DeLiberto. 2009. [Classical swine fever surveillance in feral swine](#). *Proceedings of the 13th Wildlife Damage Management Conference*. Saratoga Springs, NY. pp 35-39.